MOTOROLA

EXPRESS LUNA™

EXPRESS LUNA FLX™

USER'S GUIDE

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INTRODUCTION

Congratulations on your purchase of a Motorola Express Luna™ or Express Luna FLX™ pager. Your new pager allows you to receive numeric messages instantly and affordably. The Express Luna or Express Luna FLX pager provides many enhanced features and can be a vital part of your personal and business life management. The compact pager incorporates the most advanced electronic, microminiaturization and wireless technologies.

### Exciting FLEX Technology

If your pager incorporates the latest in paging technology—FLEX technology, you can enjoy many benefits. FLEX technology extends battery life up to four times longer than ordinary pagers, saving you time and money. As a Motorola FLEX pager user, you can feel more confident in receiving your pages because FLEX technology improves the ability to receive pages. FLEX technology has been developed by Motorola, the leader in paging innovation and quality.



INTRODUCTION

### Effective Use of Your Pager

Your pager can help you keep in contact with everyone important to you—your children, child care providers, business office, family, and friends. Be sure your children's school, your physician, family, and friends have your pager number so you can be contacted when necessary.

If you have a cellular phone, give your pager number instead of your cellular number. Then you can decide who to call back on your cellular phone without paying for incoming cellular calls.

### About This User's Guide

This user's guide explains how to operate your pager and provides suggestions for first-time (as well as for experienced) pager users.

***Note:*** If you have used a BRAVO® Express, an Ultra Express™, or an Ultra Express FLX™ pager, the Express Luna and Express Luna FLX pagers have enhanced features. Review this user's guide to get the most from your pager. Keep this guide handy for quick reference.

## Control Buttons

| | | |
|---|---|---|
| | Read/Select | Used to turn the pager on, display messages and to select pager functions. |
| | Mode | Used to scan pager modes. |
| | Light/Reset | Used to turn on/off the pager's LCD backlight and to return the pager to Standby mode. |



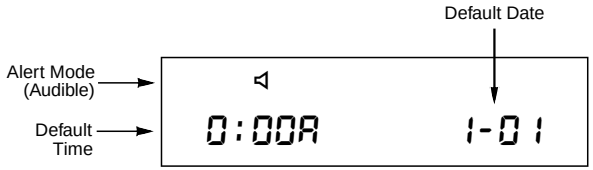




## Turning Your Pager On

❶ Press to turn your pager on. A start-up message is momentarily displayed and your pager activates the currently selected alert (either or ).

❷ Press any button to stop the startup alert. While the pager is on and no activity is taking place, the Standby screen is displayed, an example of which is shown below.



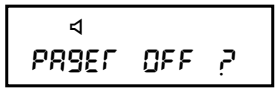

*Standby screen example*



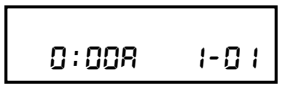
## Turning Your Pager Off

*Standby screen (pager on)*

❶ Press and release until PAGER OFF ? is displayed on the screen.




❷ Press . The pager is turned off.




*Standby screen (pager off)*

***Note:*** The time of day and the date are displayed even when the pager is turned off.

## Backlight

You can turn the pager's backlight on and off by pressing and releasing .





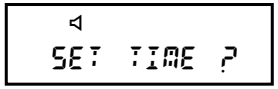


## Setting the Time

***Note:*** This section begins with the default time setting which uses the 12-hour as opposed to the 24-hour method of time measurement as indicated (with the A representing AM).

*Standby screen*

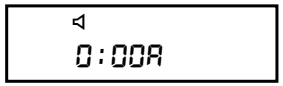
❶ Press and release until SET TIME ? is displayed.



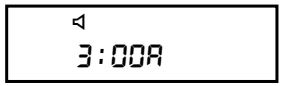

*Set Time prompt*

❷ Press . The hour values begin to flash.

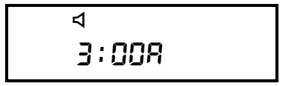
***Note:*** If you want to switch to the 24-hour method, use the 12-hour equivalent here (for example, 01:00P for 13:00). It will automatically be converted when you change the method of measurement in Step 8.




*Hour value flashing*




*Hour value has been set*




*First minute value flashing*

❸ Press and release ▷ to adjust the hour. (In this example, the hour is changed to 3.)

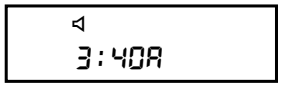
❹ Press and release ▽ to accept the new hour setting. The first minute value is now flashing.

❺ Press and release ▷ to adjust the first minute value and ▽ to accept it. (In this example, the first minute is changed to 4.) The second minute value is now flashing.

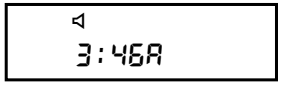









*Second minute value flashing*



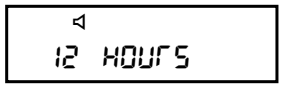

*AM/PM indicator flashing*

❻ Press and release ▷ to adjust the second minute value and ▽ to accept it. (In this example, the second minute is changed to 6.) The AM/PM indicator is now flashing.

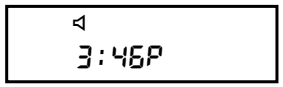
***Note:*** If your pager is using the 24-hour method of measurement, skip to Step 8.

❼ Press and release ▷ to adjust the AM/PM indicator to either A (for AM) or P for (PM) and ▽ to accept it. (In this example, the indicator is changed to P.) The method of time measurement is flashing.






*Method of measurement (hour value) flashing*




*New time setting*

❽ Press and release ▷ to select either the 12- or 24-hour method of time measurement. (In this example, the measurement method is 12 hours.)

❾ Allow the pager to return to the Standby screen or press and release ◁ twice rapidly to quickly return to the Standby screen. You have finished with the time setting.

***Note:*** If you had selected the 24-hour method of measurement, the time would now reflect this (for example, 3:46 PM is displayed as 15:46).

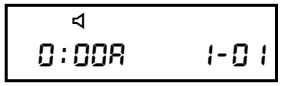






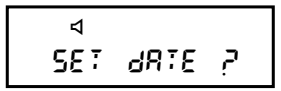
## Setting the Date

***Note:*** This section begins with the default date setting.



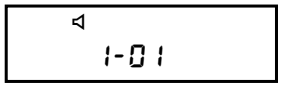

*Standby screen*

❶ Press and release ▷ until SET DATE ? is displayed.



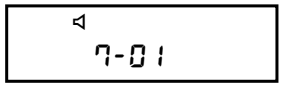

*Set Date prompt*

❷ Press ▽. The month value begins to flash.



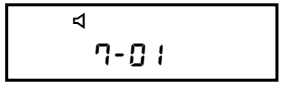

*Month value flashing*

❸ Press and release ▷ to adjust the month. (In this example, the month is changed to 7.)



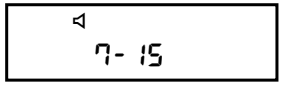

*Month value has been set*

❹ Press and release ▽ to accept the new hour setting. The date value begins to flash.




*Date value flashing*

❺ Press and release ▷ to adjust the date value. (In this example, the date is changed to 15.)



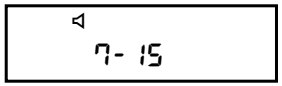

*Date value flashing*

❻ Press and release ▽ to accept the new date setting. The month value is now flashing again.







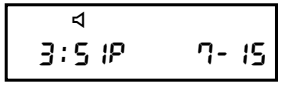



*Date value has been set*

❼ Allow the pager to return to the Standby screen or press and release ○ twice rapidly to quickly return to the Standby screen. The new date is displayed.

## Setting the Incoming Message Alert Mode

***Note:*** You can choose from four different message alert modes: vibrating alert (vibration with no audible alert), an audio alert (audible, pleasing alert), a chirp alert (short beep alert), or no alert (completely silent).




*Standby screen*

❶ Press and release ▷ until SET ALERT ? is displayed.

*Set Alert prompt*

❷ Press ▽. The first alert mode option (VIBRATE ?) is displayed.

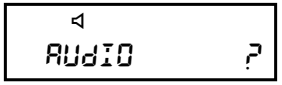
*Vibrate mode prompt*

❸ Press and release ▷ to scroll through all of the alert modes (VIBRATE ?, AUDIO ?, CHIRP ?, and NO ALERT ?).










*Audio mode prompt*

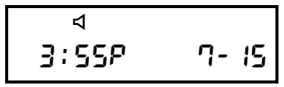
❹ When you have decided which mode to select, press and release ▽ while the mode is displayed. The pager will emit the selected alert mode (if any choice other than the NO ALERT ? mode). For this example, AUDIO ? is selected.

***Note:*** If the audio mode is selected, your pager automatically displays the existing pleasing alert. Continue to the next section ("Setting the Pager Alert Pattern").

## Setting the Pager Alert Pattern

Besides the chirp, vibrate, and no alert modes, there are seven different alert pattern options from which you can select. These patterns are only available if you have selected the audio alert mode.

***Note:*** If you have just selected the alert mode, skip to Step 3. Otherwise, go to Step 1.




*Standby screen*

❶ Press and release ▷ until SET ALERT ? is displayed.

*Set Alert prompt*

❷ Press and release ▽ to go into the alert mode function. (The first mode is displayed which is VIBRATE ?.)

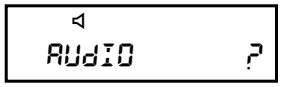
***Note:*** If the audio alert mode is displayed, skip to Step 4.

*Audio mode prompt*

❸ Press and release ▷ until AUDIO ? is displayed.

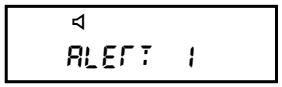







*Audio mode prompt*

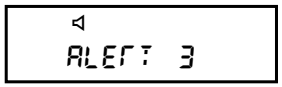
❹ Press and release ▷. The default alert pattern is displayed on the pager while the alert pattern is emitted. (In this example, the pattern is ALERT 1.)




*Alert 1 pattern*

❺ Press and release ▷ to scroll through the seven different alert patterns (ALERT 1, ALERT 2, ALERT 3, ALERT 4, ALERT 5, ALERT 6, and ALERT 7).

***Note:*** Each alert pattern is emitted as you scroll through the selections.




*Alert 3 pattern*

❻ When the pattern you want is displayed (which is ALERT 3 in this example), press and release ▽. The selected pattern is now activated and you are returned to the Standby screen.



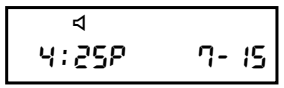


## Setting the Pager Alarm

You can set an alarm to alert at a specific time each day (that is, until you disable the alarm). The procedure in this section describes how to both enable and disable the pager alarm.

***Note:*** Turning off an alarm when it expires does not disable it. You must manually turn off the alarm function using the following procedure.

***To enable or disable the alarm:***




*Standby screen*

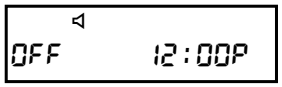
❶ Press and release ▷ until SET ALARM ? is displayed.

*Set Alarm prompt*

❷ Press and release ▽ to go into the alarm function. (The current alarm setting flashes which, in this example, is OFF.)

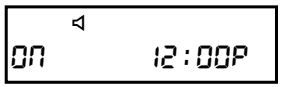







*Alarm setting with flashing alarm status*

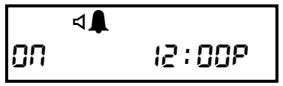
❸ Press and release ▷ to scroll through the alarm options: VIB (to activate a silent alarm), ON (to activate an audible alarm), and OFF (to disable the alarm).




*Alarm setting with flashing alarm status*

❹ When the desired alarm option is displayed (which, in this example, is ON), press and release ▷. The alarm hour value now flashes.

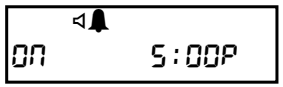
***Note:*** When you enable an alarm (by selecting either VIB or ON), the alarm indicator (🔔) is displayed.




*Alarm setting with flashing hour value*

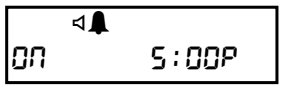
❺ If you are *enabling* this alarm, press and release ▷ until the hour value you want is displayed.

If you are *disabling* this alarm (by selecting the OFF option), skip to Step 8.




*Alarm setting*

❻ Press and release ▽ to accept the hour value. The first minute value flashes.



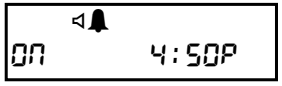

*Alarm setting with flashing first minute value*

❼ Repeat Steps 5 and 6 until the first and second minute values and the method of time measurement (for 12-hour time only) have been selected.










*Alarm setting with flashing alarm status*

*Standby screen with enabled alarm*

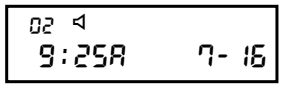
❽ When you have finished, either allow the pager to automatically return to the Standby screen or press and release ◁ twice rapidly to quickly return to the Standby screen.



## Receiving and Reading Messages

When a message is received, unless the alert mode is "no alert," the pager emits an eight-second alert (either a vibration, an audible alert, or a chirp, depending upon the alert mode and pattern selected). A flashing message indicator (for example, 01, 02, and so on) displays in the upper left corner of the Standby screen, indicating how many unread messages you have.

***Note:*** If there are any unread messages on your pager, a reminder alert is emitted every two minutes (unless your pager is in the "no alert" mode) until all messages have been read.



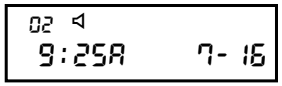

*Standby screen indicating a message has been received*

❶ Press and release either ◁, ▽, or ▷ to stop the alert. The message indicator is displayed in the upper left corner of the pager, indicating the number of unread messages (which is 2 in this example).

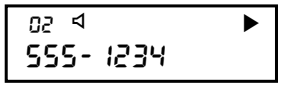








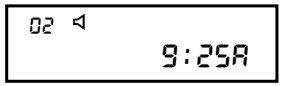

*Standby screen with flashing message indicator*




*Message screen with message continuation indicator*

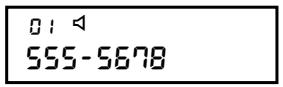
❷ Press and release ▽ to display the message. The first screen of this message is displayed. The message continuation indicator (▶) is displayed if the message continues to one or more additional screens.

❸ The pager will automatically advance to the next screen (if there is one) or you can press and release ▽.




*Last message screen for this message—ending with the time the message was received*

❹ If there are no further message screens for this message (that is, there is no ▶ displayed), the message ends with the time this message was received (9:25A in this example). In this example, because there were two unread messages, the next unread message is displayed (indicated by the 01 message indicator).




*First screen of next unread message*

❺ Repeat Steps 3 and 4 to read the next message. When all messages have been read, either allow the pager to automatically return to the Standby screen or press and release ⊙ twice rapidly to return to the Standby screen.

***Note:*** When all messages have been read, the message indicator is not displayed.



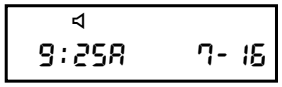




## Protecting and Unprotecting Your Messages

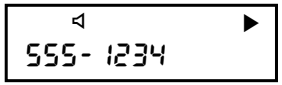
You can protect up to ten messages so they are not erased or replaced by newly received messages.

***To protect a message:***




*Standby screen*

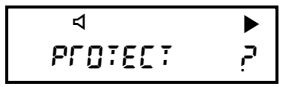
❶ Press and release ▽ until the message you want to protect is displayed.




*First screen of message to be protected*

❷ Press and release ⊙ until PROTECT ? is displayed.





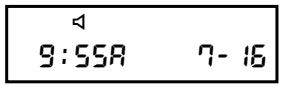

*Protect prompt*

❸ Press and release ▽ to protect this message. The protected message indicator (🔒) is now displayed whenever this message is displayed.

*Protected message*

***Note:*** 🔒 is only displayed when this protected message is displayed. It is not displayed on the Standby screen.

***To unprotect a message:***




*Standby screen*

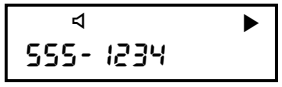
❶ Press and release ▽ until the message you want to unprotect is displayed.

*First screen of message to be unprotected*

❷ Press and release ⊙ until UNPROTECT ? is displayed.

*Protect prompt*

❸ Press and release ▽ to unprotect this message. The protected message indicator (🔒) is removed from this message.

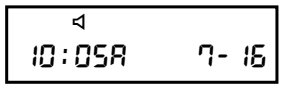



*Unprotected message*

## Erasing Messages

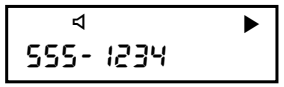
You can either erase individual messages (see "To erase an individual message:" below) or all of the read, unprotected messages on your pager at once (see "To erase all messages:" on page 29).

***To erase an individual message:***




*Standby screen*

❶ Press and release ▽ until the message you want to erase is displayed.




*First screen of message to be erased*

❷ Press and release ▷ until ERASE ? is displayed.

*Erase prompt*

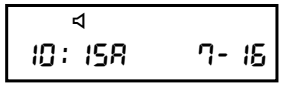
*Standby screen*

❸ Press and release ▽ to erase this message. All remaining messages are moved to the next available message slot.



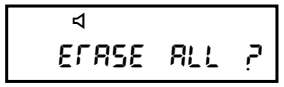
***To erase all messages:***

***Note:*** This procedure will only erase previously read and unprotected messages. (No unread or protected messages will be erased.)



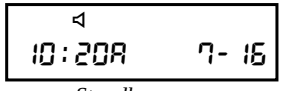

*Standby screen*

❶ Press and release ▷ until ERASE ALL ? is displayed.




*Erase all prompt*

❷ Press and release ▽. All previously read and unprotected messages are erased from memory.




*Standby screen*







## Setting Automatic On/Off

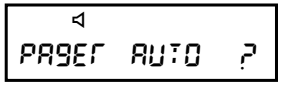
You can set your pager to turn on and off at a selected time of day. You must enable this feature (using the PAGER AUTO ? function) before you can establish the timeframe for it (using the SET AUTO ? function).

***Note:*** This feature will activate daily until it is disabled.

***To enable the automatic on/off feature:***

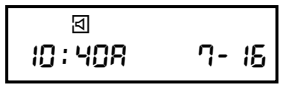
*Standby screen*

❶ Press and release ▷ until PAGER AUTO ? is displayed.




*Pager auto prompt*

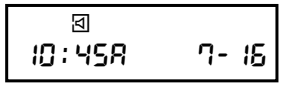
❷ Press and release ▽. The automatic on/off feature is now enabled. The Standby screen is displayed with the automatic feature indicator (⊠ if the pager is in audible mode or ⊠ if in vibrate mode).




*Standby screen*

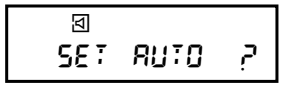
***Note:*** The automatic on/off indicator (either ⊠ for audible or ⊠ for vibrate) replaces the respective alert mode indicator ( ◁ or ◁̸).

***To set the on and off times:***




*Standby screen*

❶ Press and release ⌓ until SET AUTO ? is displayed.



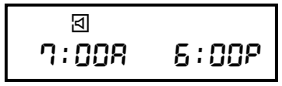

*Set auto prompt*

❷ Press and release ⌔. The timeframe screen is now displayed.



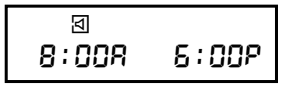


AUTOMATIC ON/OFF



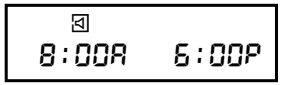

*Timeframe screen with "on" hour value flashing*

❸ Press and release ⌓ until the "on" hour you want is displayed.




*Timeframe screen with new "on" hour value flashing*

❹ Press and release ⌔ to set the hour value. (For this example, the hour is set to 8). The first minute value flashes.

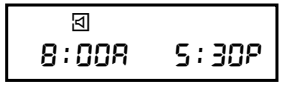



*Timeframe screen with "on" first minute value flashing*

❺ Repeat Steps 3 and 4 above until you have set the remaining "on" and "off" times.



AUTOMATIC ON/OFF




*Timeframe screen with "on" and "off" times selected*

❻ When you have finished, either allow the pager to automatically return to the Standby screen or press and release ⌓ twice rapidly to quickly return to the Standby screen.

*Pager off*

***Note:*** The automatic on/off feature will remain activated until you manually turn off the feature. (See "To disable the automatic on/off feature:".)



AUTOMATIC ON/OFF

***To disable the automatic on/off feature:***

*Pager on with automatic on/off enabled*

❶ Press and release ⌓ until PGR MANUAL ? is displayed.

*Pager manual prompt*

❷ Press and release ⌔. The automatic on/off feature is now disabled. The Standby screen is displayed with the alert indicator (◁ if the pager is in audible mode or ◁̸ if in vibrate mode).

*Standby screen*

## Automatic Alert Reset
The pager alert stops automatically, even if you do not press any of the pager's buttons.

## Automatic On/Off
Your pager can be set to turn on or turn off at a selected time each day.

## Backlight
In low-light conditions, the pager's backlight makes the screen easy to read.

## Duplicate Messages
If a message is received that is exactly the same as a message already stored in memory, (duplicate message indicator) is displayed in the upper portion of the screen while you read this message. The original message is updated with the time stamp of the newest message.

## Errored Data Indicator
While reading a message, if an E is displayed at the end of the message line, it indicates that this message contains errored data.







## Glow-in-the-Dark Housing
Your pager contains three elements that will glow in the dark: the large READ ( ) button; the area surrounding the message display, and the band around the edge of the pager housing.

## Low Battery Indicator
When the battery level is low, (low battery indicator) is displayed in the upper portion of the screen. The pager also emits a two-second alert. Replace the battery within five days after the first appearance of this indicator.

## Memory Capacity
The pager can store up to twenty 20-character messages or a total of 400 characters.

## Memory Full Indicator
If messages are stored in memory and a new message is received that exceeds a total character count of 400, a memory full condition occurs. This condition is indicated by an OVERFLOW being displayed on the pager. Until previously read and unlocked messages are erased, any new



message received will overwrite the oldest previously read and unlocked message(s) stored in memory.

## Memory Retention
All messages remain in memory even when the pager is turned off.

***Note:*** Messages are *not* retained when changing the battery. However, the pager alert settings are retained.

## Message Erase
Messages which are no longer needed can be erased to free up space for new messages. Messages can either be erased individually or all previously read and unprotected messages can be erased at one time.

## Message Protection
Up to ten messages can be protected so they are not erased either by newly received messages or the ERASE ? or ERASE ALL ? function.

## Out of Range
If your pager is equipped with this feature, and if you are outside your paging coverage area, Y is displayed. As long as Y is displayed, your pager cannot receive messages.







## Personal Alarm
A personal alarm can be set to alert you at a certain time. It operates even when the pager is turned off.

## Pleasing Alerts
Your pager can alert you about new messages with one of seven pleasing musical sounds.

## Reminder Chirp
The pager emits a chirp or vibration (unless the pager is in the "no alert" mode [in which case no alert would be emitted]) every two minutes until you read all unread messages.

## Time of Day/Month and Day
The time of day and the month and day are displayed even when the pager is turned off.

## Time stamp
The time of day at which the message was received is displayed on the last screen of the message.

## Cleaning Your Pager

To clean smudges and grime from the exterior of your pager, use a soft, non-abrasive cloth moistened in a mild soap and water solution. Use a second cloth moistened in clean water to wipe the surface clean. Do not immerse in water. Do not use alcohol or other cleaning solutions.

## Functionality and Use of Your Pager

For questions pertaining to the functions and use of your Motorola pager, please visit our web site at www.motorola.com/pagers or in the U.S. call 1-800-548-9954 or 1-800-793-7834 (TDD). For questions pertaining to your paging service, contact your paging service provider.

## Care and Maintenance

The Express Luna and Express Luna FLX pagers are durable, reliable, and can provide years of dependable service; however, they are precision electronic products. Water and moisture, excessive heat, and extreme shock may damage the pager. Do not expose your pager to these conditions. If repair is required, the Motorola Service Organization, staffed with specially trained technicians, offers repair and maintenance facilities throughout the world.





You can protect your pager purchase with an optional extended warranty covering parts and labor. For more information about warranties, please contact either your paging service provider, retailer, or Motorola, Inc. at 1-800-548-9954. For repairs, call Motorola, Inc. at 1-800-548-9954 in the U.S. or 1-800-323-9685 in Canada. In the U.S., to contact Motorola, Inc. on your TDD, call 1-800-793-7834.

## Battery Information

Your Express Luna and Express Luna FLX pagers operate with one AAA-size alkaline battery.

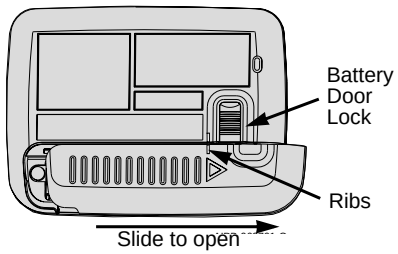
***Note:*** To retain pager alert settings, turn the pager off before removing the old battery. Messages are *not* retained when replacing the battery.





### *Replacing the Battery*

Turn the pager off and place the pager with the display side down.




❶ Slide the battery door lock towards the top of the pager to unlock the battery door.

❷ While pressing on the battery door, slide the door until the ribs on the back cover are aligned.

❸ Lift the battery door to free it from the housing.

❹ Lift the battery out of the battery compartment, noting the positive (+) and negative (-) markings on both the battery and the pager housing.

❺ Insert the new battery. Make sure you match the positive and negative markings on the battery with those on the pager housing.

❻ Align the grooves on the battery door with those on the pager housing and slide the battery door closed.

❼ Slide the battery door lock toward the bottom of the pager to lock the battery door.



# Express Luna™ Quick Reference Card

## Indicators

- Audible mode
- Vibrate or no alert (silent) mode
- Message indicator (flashing)
- Message continuation
- Duplicate message
- Protected message
- Errored data
- Activated pager alarm
- Activated automatic turn on/off (audible mode)
- Activated automatic turn on/off (vibrate mode)
- Activated automatic turn on/off (pager off)
- Out of range
- Low battery

## Quick Steps

### Setting the Pager Alarm

❶ Press ◡ until SET ALARM ? is displayed.
❷ Press ⌓.
❸ Press ◡ to scroll through the alarm options.
❹ Press ⌓ to select the type of alarm.
❺ Press ◡ to scroll through the hour values.
❻ Press ⌓ to select the hour.
❼ Repeat Steps 5–6 to set both of the minute values and the time measurement value.

### Setting Automatic On/Off

❶ Press ◡ until PAGER AUTO ? is displayed.
❷ Press ⌓.
❸ Press ◡ until SET AUTO ? is displayed.
❹ Press ⌓.
❺ Press ◡ to scroll through the "on" hour values.
❻ Press ⌓ to select the hour.
❼ Repeat Steps 5–6 to set the "on" minute values, the "on" time measurement method, and all of the "off" values.

## Patent Information

This Motorola product is manufactured under one or more Motorola U.S. patents. These patent numbers are listed inside the housing of this product. Other U.S. patents for this product are pending.

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